Table ENG-4. - Building Site Development

Rockingham County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B: Allegheny	80	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
2B:	85	Not limited		Somewhat limited		Somewhat limited	
Allegheny	65	Not illflited		Cutbanks cave	0.10	Content of large stones	0.32
3B:							
Allegheny	50	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
Monongahela	35	Somewhat limited		Very limited		Somewhat limited	
		Frost action Depth to saturated	0.50 0.03	Depth to saturated zone	1.00	Depth to cemented pan	0.90
		zone		Depth to thin cemented pan Cutbanks cave	0.90	Depth to saturated zone	0.03
Purdy	3	Not Rated		Not Rated		Not Rated	
Wet spots	2	Not Rated		Not Rated		Not Rated	
4A:							
Aquic Udifluvents	80	Very limited Flooding Low strength	1.00 1.00	Not Rated		Not Rated	
5C2:							
Berks	55	Somewhat limited Slope Depth to hard bedrock	0.37 0.35	Very limited Depth to hard bedrock Slope	1.00	Somewhat limited Droughty Gravel content	0.93 0.71
				Cutbanks cave	0.10	Slope	0.37
Weikert	25	Very limited Depth to hard bedrock Depth to soft bedrock Frost action	1.00 1.00 0.50	Very limited Depth to hard bedrock Depth to soft bedrock Slope	1.00 1.00 0.37	Very limited Depth to bedrock Droughty Gravel content	1.00 1.00 0.83
5D2:							
Berks	50	Very limited Slope Depth to hard bedrock	1.00 0.35	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Slope Droughty Gravel content	1.00 0.93 0.71

Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
5D2:	•		•		-		•
Weikert	35	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Depth to soft bedrock	1.00	Slope	1.00
		Depth to soft bedrock	1.00	Depth to thick cemented pan	1.00	Droughty	1.00
Wet spots	3	Not Rated		Not Rated		Not Rated	
6C2:							
Berks	65	Somewhat limited		Very limited		Somewhat limited	
		Slope	0.37	Depth to hard bedrock	1.00	Droughty	0.93
		Depth to hard bedrock	0.35	Slope	0.37	Gravel content	0.71
				Cutbanks cave	0.10	Slope	0.37
Weikert	25	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Depth to soft bedrock	1.00	Depth to soft bedrock	1.00	Droughty	1.00
		Frost action	0.50	Slope	0.37	Gravel content	0.83
Wet spots	3	Not Rated		Not Rated		Not Rated	
6D2:							
Berks	55	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.35	Slope	1.00	Droughty	0.93
				Cutbanks cave	0.10	Gravel content	0.71
Weikert	35	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Depth to soft bedrock	1.00	Slope	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Droughty	1.00
Wet spots	3	Not Rated		Not Rated		Not Rated	
7A:							
Buchanan	75	Very limited		Very limited		Very limited	
		Depth to thick cemented pan	0.99	Depth to thick cemented pan	1.00	Depth to cemented pan	0.99
		Frost action Depth to saturated	0.50 0.48	Depth to saturated zone	1.00	Depth to saturated zone	0.48
		zone	0.40	Cutbanks cave	0.10	Droughty	0.41
Purdy	5	Not Rated		Not Rated		Not Rated	
8B:							

	Pct	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
Map Symbol and Soil Name	of	and Streets		Excavations		Lanuscaping	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
8B:							
Buchanan	75	Very limited		Very limited		Very limited	
		Depth to thick cemented pan	0.99	Depth to thick cemented pan	1.00	Depth to cemented pan	0.99
		Frost action Depth to saturated	0.50 0.48	Depth to saturated zone	1.00	Depth to saturated zone	0.48
		zone	0.10	Cutbanks cave	0.10	Droughty	0.48
Purdy	5	Not Rated		Not Rated		Not Rated	
BC:							
Buchanan	75	Very limited		Very limited		Very limited	
		Depth to thick cemented pan	0.99	Depth to thick cemented pan	1.00	Depth to cemented pan	0.99
		Frost action Depth to saturated	0.50 0.48	Depth to saturated zone	1.00	Depth to saturated zone	0.48
		zone	0.40	Slope	0.37	Droughty	0.48
Purdy	5	Not Rated		Not Rated		Not Rated	
9C:							
Buchanan	75	Very limited		Very limited		Very limited	
		Depth to thick cemented pan	0.99	Depth to thick cemented pan	1.00	Depth to cemented pan	0.99
		Frost action Depth to saturated	0.50 0.48	Depth to saturated zone	1.00	Depth to saturated zone	0.48
		zone	0.40	Slope	0.37	Droughty	0.48
Purdy	5	Not Rated		Not Rated		Not Rated	
10A:							
Buckton	85	Very limited		Somewhat limited		Somewhat limited	
		Flooding	1.00	Flooding	0.60	Flooding	0.60
		Frost action Low strength	0.50 0.22	Cutbanks cave	0.10		
Wet spots	3	Not Rated		Not Rated		Not Rated	
11B:							
Burketown	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to thick cemented pan	0.90	Depth to thick cemented pan	1.00	Depth to cemented pan	0.90
		Frost action	0.50	Depth to saturated zone	0.99	Droughty	0.36
				Depth to dense layer	0.50		
Wet spots	3	Not Rated		Not Rated		Not Rated	
12B:							

Map Symbol	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
12B:							
Carbo	35	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Depth to bedrock	0.29
		Shrink-swell	1.00	Too clayey	1.00		
		Frost action	0.50	Cutbanks cave	0.10		
Endcav	30	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.97		
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Frost action	0.50	Depth to hard bedrock	0.02		
Rock outcrop	25	Not Rated		Not Rated		Not Rated	
12C:							
Carbo	30	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Slope	0.37
		Shrink-swell	1.00	Too clayey	1.00	Depth to bedrock	0.29
		Frost action	0.50	Slope	0.37		
Endcav	30	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.97	Slope	0.37
		Shrink-swell	1.00	Slope	0.37	•	
		Frost action	0.50	Cutbanks cave	0.10		
Rock outcrop	25	Not Rated		Not Rated		Not Rated	
13A:							
Chavies	70	Somewhat limited		Somewhat limited		Not limited	
		Flooding	0.40	Cutbanks cave	0.10		
Wet spots	5	Not Rated		Not Rated		Not Rated	
14B2:							
Chilhowie	80	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Too clayey	1.00
		Depth to hard bedrock	0.84	Too clayey	1.00	Droughty	0.97
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.84
Wet spots	3	Not Rated		Not Rated		Not Rated	
14C2:							
Chilhowie	80	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Too clayey	1.00
		Depth to hard bedrock	0.84	Too clayey	1.00	Droughty	0.97
		Frost action	0.50	Slope	0.37	Depth to bedrock	0.84
Wet spots	3	Not Rated		Not Rated		Not Rated	
14D2:							



	Pct	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
Map Symbol and Soil Name	of						
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
I4D2:	•				•		•
Chilhowie	80	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Shrink-swell Depth to hard bedrock	1.00 0.84	Slope Too clayey	1.00 1.00	Too clayey Droughty	1.00 0.97
Wet spots	3	Not Rated		Not Rated		Not Rated	
15B2:							
Chilhowie	80	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Too clayey	1.00
		Depth to hard bedrock	0.84	Too clayey	1.00	Droughty	0.97
		Frost action	0.50	Cutbanks cave	0.10	Depth to bedrock	0.84
15C2:							
Chilhowie	80	Very limited		Very limited		Very limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Too clayey	1.00
		Depth to hard bedrock	0.84	Too clayey	1.00	Droughty	0.97
		Frost action	0.50	Slope	0.37	Depth to bedrock	0.84
Wet spots	3	Not Rated		Not Rated		Not Rated	
15D2:							
Chilhowie	80	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Shrink-swell	1.00	Slope	1.00	Too clayey	1.00
		Depth to hard bedrock	0.84	Too clayey	1.00	Droughty	0.97
Wet spots	3	Not Rated		Not Rated		Not Rated	
16E3:							
Chilhowie	80	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Too clayey	1.00
		Shrink-swell	1.00	Slope	1.00	Slope	1.00
		Depth to hard bedrock	0.84	Too clayey	1.00	Droughty	0.97
Wet spots	3	Not Rated		Not Rated		Not Rated	
17B2:							
Chilhowie	40	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Droughty	0.97
		Depth to hard bedrock Frost action	0.84 0.50	Too clayey Cutbanks cave	1.00 0.10	Depth to bedrock	0.84
Edom	40	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.88		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
17C2:							



Map Symbol	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
17C2:							
Chilhowie	40	Very limited		Very limited		Somewhat limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Droughty	0.97
		Depth to hard bedrock	0.84	Too clayey	1.00	Depth to bedrock	0.84
		Frost action	0.50	Slope	0.37	Slope	0.37
Edom	40	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.88	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		
17D2:							
Chilhowie	50	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Shrink-swell	1.00	Slope	1.00	Droughty	0.97
		Depth to hard bedrock	0.84	Too clayey	1.00	Depth to bedrock	0.84
Edom	30	Very limited		Very limited		Very limited	
Edom	00	Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.88	Оюрс	1.00
		Shrink-swell	0.50	Cutbanks cave	0.10		
18B:							
Cotaco	75	Very limited		Very limited		Somewhat limited	
00.000	. •	Low strength	1.00	Depth to saturated	1.00	Depth to saturated	0.19
		Depth to saturated	0.19	zone		zone	00
		zone		Cutbanks cave	0.10		
Purdy	5	Not Rated		Not Rated		Not Rated	
19B:							
Cotaco	75	Very limited		Very limited		Somewhat limited	
20.000	, ,	Low strength	1.00	Depth to saturated	1.00	Depth to saturated	0.19
		Depth to saturated	0.19	zone	1.00	zone	0.10
		zone	0.10	Cutbanks cave	0.10	Gravel content	0.05
Purdy	5	Not Rated		Not Rated		Not Rated	
20B:							
Cotaco variant	75	Very limited		Very limited		Very limited	
		Frost action	1.00	Depth to saturated	1.00	Content of large	1.00
		Low strength	1.00	zone		stones	
		Shrink-swell	0.50	Too clayey	0.50		
				Cutbanks cave	0.10		
Purdy	5	Not Rated		Not Rated		Not Rated	
210.							
21B:							



Map Symbol	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
21B:					1		
Craigsville	75	Very limited		Somewhat limited		Very limited	
		Flooding	1.00	Content of large stones	0.98	Flooding	1.00
		Content of large stones	0.98	Flooding	0.80	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10	Droughty	0.06
Wet spots	5	Not Rated		Not Rated		Not Rated	
22F:							
Drall	65	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
				Cutbanks cave	1.00	Droughty	0.86
						Content of large stones	0.32
23B2:							
Edom	80	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.88		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
Wet soils	3	Not Rated		Not Rated		Not Rated	
23C2:							
Edom	80	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.88	Slope	0.37
		Shrink-swell Frost action	0.50 0.50	Slope Cutbanks cave	0.37 0.10		
			0.50		0.10		
Wet soils	3	Not Rated		Not Rated		Not Rated	
23D2:							
Edom	80	Very limited		Very limited		Very limited	
		Slope Low strength	1.00 1.00	Slope Too clayey	1.00 0.88	Slope	1.00
		Shrink-swell	0.50	Cutbanks cave	0.10		
Wet soils	3	Not Rated		Not Rated		Not Rated	
24B2:							
Endcav	80	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.97		
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Frost action	0.50	Depth to hard bedrock	0.02		
Wet soils	3	Not Rated		Not Rated		Not Rated	
24C2:							

Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and don Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
24C2:	I						
Endcav	80	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.97	Slope	0.37
		Shrink-swell	1.00	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		
Wet soils	3	Not Rated		Not Rated		Not Rated	
25B2:							
Endcav	80	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.97		
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Frost action	0.50	Depth to hard bedrock	0.02		
Wet soils	3	Not Rated		Not Rated		Not Rated	
25C2:							
Endcav	80	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.97	Slope	0.37
		Shrink-swell	1.00	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		
Wet soils	3	Not Rated		Not Rated		Not Rated	
26C2:							
Fauquier	80	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Too clayey	0.28		
		Frost action	0.50	Cutbanks cave	0.10		
26D2:							
Fauquier	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	0.50	Cutbanks cave	0.10		
27E:							
Fauquier	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	0.50	Cutbanks cave	0.10		
28A:							
Fluvaquents	80	Very limited		Not Rated		Not Rated	
		Flooding	1.00				
		Depth to saturated zone	1.00				
		Low strength	1.00				
Poorly drained soils	5	Not Rated		Not Rated		Not Rated	
1 John Granied Solis	3	NOL Nateu		NOT NATEU		NOL Nateu	



Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
29B2:	<u> </u>						
Frederick	50	Very limited		Very limited		Not limited	
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Frost action	0.50				
Lodi	35	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
29C2:							
Frederick	45	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Slope	0.37
		Shrink-swell	1.00	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		
Lodi	35	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Too clayey	0.28		
		Frost action	0.50	Cutbanks cave	0.10		
29D2:							
Frederick	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	1.00	Cutbanks cave	0.10		
Lodi	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	0.50	Cutbanks cave	0.10		
29E2:							
Frederick	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	1.00	Cutbanks cave	0.10		
Lodi	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	0.50	Cutbanks cave	0.10		
30C3:							
Frederick	50	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Slope	0.37
		Shrink-swell	1.00	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		

Map Symbol and Soil Name	Pct of	Local Roads and Streets				Lawns and Landscaping	
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
30C3:							
Lodi	35	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Too clayey	0.28		
		Frost action	0.50	Cutbanks cave	0.10		
30D3:							
Frederick	50	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	1.00	Cutbanks cave	0.10		
Lodi	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.28	·	
		Shrink-swell	0.50	Cutbanks cave	0.10		
31B2:							
Frederick	50	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Gravel content	0.26
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Frost action	0.50				
Lodi	35	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.28	Gravel content	0.44
		Shrink-swell	0.50	Cutbanks cave	0.10	Content of large	0.03
		Frost action	0.50			stones	
31C2:							
Frederick	45	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Slope	0.37
		Shrink-swell	1.00	Slope	0.37	Gravel content	0.26
		Frost action	0.50	Cutbanks cave	0.10		
Lodi	35	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Gravel content	0.44
		Shrink-swell	0.50	Too clayey	0.28	Slope	0.37
		Frost action	0.50	Cutbanks cave	0.10	Content of large stones	0.03
31D2:							
Frederick	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00	Gravel content	0.26
		Shrink-swell	1.00	Cutbanks cave	0.10		

Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and som vame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
31D2:							
Lodi	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength Shrink-swell	1.00 0.50	Too clayey Cutbanks cave	0.28 0.10	Gravel content Content of large stones	0.44 0.03
31E2:							
Frederick	50	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00	Gravel content	0.26
		Shrink-swell	1.00	Cutbanks cave	0.10		
Lodi	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.28	Gravel content	0.44
		Shrink-swell	0.50	Cutbanks cave	0.10	Content of large stones	0.03
32C:							
Frederick	40	Very limited		Very limited		Very limited	
		Low strength	1.00	Too clayey	1.00	Gravel content	1.00
		Shrink-swell	1.00	Slope	0.37	Slope	0.37
		Frost action	0.50	Cutbanks cave	0.10		
Lodi	40	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Gravel content	0.88
		Shrink-swell	0.50	Too clayey	0.28	Content of large	0.68
		Frost action	0.50	Cutbanks cave	0.10	stones Slope	0.37
32D:							
Frederick	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00	Gravel content	1.00
		Shrink-swell	1.00	Cutbanks cave	0.10		
Lodi	35	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.28	Gravel content	0.88
		Shrink-swell	0.50	Cutbanks cave	0.10	Content of large stones	0.68
32E:							
Frederick	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00	Gravel content	1.00
		Shrink-swell	1.00	Cutbanks cave	0.10		

Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and doi: Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
32E:	•				•		•
Lodi	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.28	Gravel content	0.88
		Shrink-swell	0.50	Cutbanks cave	0.10	Content of large stones	0.68
33B2:							
Frederick	50	Very limited		Very limited		Not limited	
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Frost action	0.50				
Lodi	35	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
33C2:							
Frederick	45	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Slope	0.37
		Shrink-swell Frost action	1.00 0.50	Slope Cutbanks cave	0.37 0.10		
Lodi	40	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Slope	0.37
		Shrink-swell	0.50	Too clayey	0.28		
		Frost action	0.50	Cutbanks cave	0.10		
33D2:							
Frederick	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	1.00	Cutbanks cave	0.10		
Lodi	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	0.50	Cutbanks cave	0.10		
33E2:							
Frederick	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	1.00	Cutbanks cave	0.10		
Lodi	45	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	0.50	Cutbanks cave	0.10		

Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and don Hame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
34C:	I						
Frederick	35	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Slope	0.04
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Frost action	0.50	Slope	0.04		
Rock outcrop	35	Not Rated		Not Rated		Not Rated	
34E:							
Frederick	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	1.00	Cutbanks cave	0.10		
Rock outcrop	35	Not Rated		Not Rated		Not Rated	
35B:							
Guernsey	85	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated	1.00	Depth to saturated	0.03
		Shrink-swell	1.00	zone		zone	
		Depth to saturated zone	0.03	Too clayey Cutbanks cave	0.88 0.10		
Poorly drained soils	3	Not Rated		Not Rated		Not Rated	
36B:							
Hawksbill	75	Very limited		Very limited		Very limited	
		Flooding	1.00	Cutbanks cave	1.00	Content of large	1.00
		Content of large	1.00	Content of large	1.00	stones	0.00
		stones Frost action	0.50	stones Flooding	0.60	Flooding	0.60 0.02
		FIOSI ACIIOII	0.50	Flooding	0.00	Droughty	0.02
Wet spots	5	Not Rated		Not Rated		Not Rated	
37B:							
Hawksbill	75	Very limited		Very limited		Very limited	
		Flooding	1.00	Cutbanks cave	1.00	Content of large	1.00
		Content of large stones	1.00	Content of large stones	1.00	stones Flooding	0.60
		Frost action	0.50	Flooding	0.60	Gravel content	0.37
Wet spots	5	Not Rated		Not Rated		Not Rated	
38C:							
Hawksbill	90	Very limited		Very limited		Very limited	
		Flooding	1.00	Cutbanks cave	1.00	Content of large	1.00
		Content of large	1.00	Content of large	1.00	stones	
		stones		stones		Flooding	0.60
		Frost action	0.50	Flooding	0.60	Slope	0.37
Wet spots	5	Not Rated		Not Rated		Not Rated	

Map Symbol	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
39B:							
Laidig	80	Somewhat limited Frost action	0.50	Somewhat limited Depth to thick cemented pan	0.99	Somewhat limited Gravel content	0.26
				Depth to saturated zone	0.90		
				Cutbanks cave	0.10		
39C:							
Laidig	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Frost action	0.50	Depth to thick	0.99	Slope	0.37
		Slope	0.37	cemented pan Depth to saturated zone	0.90	Gravel content	0.26
				Slope	0.37		
40B:							
Laidig	80	Somewhat limited		Somewhat limited		Somewhat limited	
-		Frost action	0.50	Depth to thick cemented pan	0.99	Content of large stones	0.68
				Depth to saturated zone	0.90	Gravel content	0.39
				Cutbanks cave	0.10		
40C:							
Laidig	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Frost action Slope	0.50 0.37	Depth to thick cemented pan	0.99	Content of large stones	0.68
		5.50		Depth to saturated zone	0.90	Gravel content Slope	0.39 0.37
				Slope	0.37	σιορο	0.01
40D:							
Laidig	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to thick cemented pan	0.99	Content of large stones	0.68
				Depth to saturated zone	0.90	Gravel content	0.39
40E:							
Laidig	80	Very limited		Very limited		Very limited	
		Slope Front action	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to thick cemented pan	0.99	Content of large stones	0.68
				Depth to saturated zone	0.90	Gravel content	0.39
41C:							



Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
41C:							
Laidig	80	Somewhat limited Frost action Slope	0.50 0.37	Somewhat limited Depth to thick cemented pan	0.99	Somewhat limited Slope	0.37
		Оюре	0.57	Depth to saturated zone	0.90		
				Slope	0.37		
41D:							
Laidig	80	Very limited		Very limited		Very limited	
		Slope Frost action	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to thick cemented pan	0.99		
				Depth to saturated zone	0.90		
41E:							
Laidig	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to thick cemented pan	0.99		
				Depth to saturated zone	0.90		
42C:							
Laidig	50	Somewhat limited		Somewhat limited		Somewhat limited	
		Slope Frost action	0.96 0.50	Depth to thick cemented pan	0.99	Slope	0.96
				Slope Depth to saturated	0.96 0.90		
				zone	0.50		
Buchanan	40	Very limited		Very limited		Very limited	
		Depth to thick cemented pan	0.99	Depth to thick cemented pan	1.00	Depth to cemented pan	0.99
		Slope	0.96	Depth to saturated	1.00	Slope	0.96
		Frost action	0.50	zone Slope	0.96	Depth to saturated zone	0.48
43C:							
Lehew	35	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock Slope	0.54 0.16	Depth to hard bedrock Slope	1.00 0.16	Droughty Content of large	0.78 0.68
		Slope	0.10	Cutbanks cave	0.10	stones	0.00
						Depth to bedrock	0.54
Dekalb	30	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Droughty	0.80
		Slope	0.16	Slope Cuthanka asya	0.16	Content of large stones	0.68
		Content of large stones	<0.01	Cutbanks cave	0.10	Depth to bedrock	0.46

Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and con Hame	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
43C:							
Calvin	25	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.79	Depth to hard bedrock	1.00	Depth to bedrock	0.80
		Frost action	0.50	Slope	0.16	Content of large stones	0.68
		Slope	0.16	Cutbanks cave	0.10	Droughty	0.49
43D:							
Lehew	35	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.54	Depth to hard bedrock	1.00	Droughty	0.78
		Slope	0.16	Slope	0.16	Content of large	0.68
		·		Cutbanks cave	0.10	stones	
						Depth to bedrock	0.54
Dekalb	30	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.46	Depth to hard bedrock	1.00	Droughty	0.80
		Slope	0.16	Slope	0.16	Content of large	0.68
		Content of large stones	<0.01	Cutbanks cave	0.10	stones Depth to bedrock	0.46
		Stories				Deptil to bedrock	0.40
Calvin	25	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.79	Depth to hard bedrock	1.00	Depth to bedrock	0.80
		Frost action	0.50	Slope	0.16	Content of large	0.68
		Slope	0.16	Cutbanks cave	0.10	stones Droughty	0.49
44E:							
Lehew	30	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.54	Slope	1.00	Droughty	0.78
				Cutbanks cave	0.10	Content of large	0.68
						stones	
Dekalb	25	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.46	Slope	1.00	Droughty	0.80
		Content of large stones	<0.01	Cutbanks cave	0.10	Content of large stones	0.68
Calvin	20	Very limited		Very limited		Very limited	
Calvin		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.79	Slope	1.00	Depth to bedrock	0.80
		Frost action	0.50	Cutbanks cave	0.10	Content of large	0.68
						stones	
44F:							
Lehew	30	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.54	Slope	1.00	Droughty	0.78
				Cutbanks cave	0.10	Content of large	0.68
						stones	

Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	,
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
44F: Dekalb	25	Very limited Slope Depth to hard bedrock Content of large stones	1.00 0.46 <0.01	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Slope Droughty Content of large stones	1.00 0.80 0.68
Calvin	20	Very limited Slope Depth to hard bedrock Frost action	1.00 0.79 0.50	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Slope Depth to bedrock Content of large stones	1.00 0.80 0.68
45A: Massanetta	90	Very limited Flooding Low strength Frost action	1.00 0.78 0.50	Somewhat limited Depth to saturated zone Flooding Too clayey	0.99 0.60 0.13	Somewhat limited Flooding	0.60
Wet spots	5	Not Rated		Not Rated		Not Rated	
46A: Millrock Wet spots	65 5	Very limited Flooding Not Rated	1.00	Very limited Cutbanks cave Flooding Not Rated	1.00 0.80	Very limited Flooding Droughty Not Rated	1.00 0.92
·	3	Not Nated		Not Nated		Not Nated	
47B: Monongahela	75	Somewhat limited Frost action Depth to saturated zone	0.50 0.03	Very limited Depth to saturated zone Depth to thin cemented pan Cutbanks cave	1.00 0.90 0.10	Somewhat limited Depth to cemented pan Depth to saturated zone	0.90
Purdy	5	Not Rated		Not Rated		Not Rated	
47C2: Monongahela	75	Somewhat limited Frost action Slope Depth to saturated zone	0.50 0.37 0.03	Very limited Depth to saturated zone Depth to thin cemented pan	1.00	Somewhat limited Depth to cemented pan Slope Depth to saturated	0.90 0.37 0.03
		20110		Slope	0.37	zone	0.00
Purdy	5	Not Rated		Not Rated		Not Rated	
48B:							



Map Symbol and Soil Name	Pct of	Local Roads and Streets				Lawns and Landscaping	
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
48B:							
Monongahela	75	Somewhat limited Frost action	0.50	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to cemented pan	0.90
		Depth to saturated zone	0.03	Depth to thin cemented pan	0.90	Gravel content Depth to saturated	0.26 0.03
				Cutbanks cave	0.10	zone	
Purdy	5	Not Rated		Not Rated		Not Rated	
48C:							
Monongahela	75	Somewhat limited		Very limited		Somewhat limited	
		Frost action Slope	0.50 0.37	Depth to saturated zone	1.00	Depth to cemented pan	0.90
		Depth to saturated	0.03	Depth to thin	0.90	Slope	0.37
		zone		cemented pan Slope	0.37	Gravel content	0.26
Purdy	5	Not Rated		Not Rated		Not Rated	
49C:							
Myersville	80	Somewhat limited		Somewhat limited		Somewhat limited	
		Frost action	0.50	Depth to hard bedrock	0.88	Slope	0.37
		Slope	0.37	Slope Cutbanks cave	0.37 0.10	Droughty Content of large	<0.01 <0.01
						stones	
49D:							
Myersville	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to hard bedrock Cutbanks cave	0.88 0.10	Droughty Content of large	<0.01 <0.01
						stones	
49F:							
Myersville	80	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to hard bedrock Cutbanks cave	0.88 0.10	Droughty Content of large	<0.01 <0.01
				Culbanks cave	0.10	stones	\0.01
50B:							
Nixa	40	Very limited		Very limited		Very limited	
		Depth to thick cemented pan	1.00	Depth to thick cemented pan	1.00	Depth to cemented pan	1.00
				Cutbanks cave	1.00	Droughty	0.99
						Gravel content	0.22

Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
50B:							
Frederick	35	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Gravel content	0.26
		Shrink-swell Frost action	1.00 0.50	Cutbanks cave	0.10		
Lodi	15	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.28	Gravel content	0.44
		Shrink-swell	0.50	Cutbanks cave	0.10	Content of large	0.03
		Frost action	0.50			stones	
Wet spots	3	Not Rated		Not Rated		Not Rated	
50C:							
Nixa	35	Very limited		Very limited		Very limited	
		Depth to thick cemented pan	1.00	Depth to thick cemented pan	1.00	Depth to cemented pan	1.00
		Slope	0.37	Cutbanks cave	1.00	Droughty	0.99
				Slope	0.37	Slope	0.37
Frederick	30	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Slope	0.37
		Shrink-swell	1.00	Slope	0.37	Gravel content	0.26
		Frost action	0.50	Cutbanks cave	0.10		
Lodi	25	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Slope	0.37	Gravel content	0.44
		Shrink-swell	0.50	Too clayey	0.28	Slope	0.37
		Frost action	0.50	Cutbanks cave	0.10	Content of large stones	0.03
Wet spots	3	Not Rated		Not Rated		Not Rated	
51:							
Pits	100	Not limited		Not Rated		Not Rated	
52:							
Pits	100	Not limited		Not Rated		Not Rated	
53:							
Pits and dumps	100	Not Rated		Not Rated		Not Rated	
54A:							
Purdy	80	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Ponding	1.00	Ponding	1.00
		Low strength	1.00	Cutbanks cave	0.10		
Very poorly drained soils	5	Not Rated		Not Rated		Not Rated	
55C:							

Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and John Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
55C:	ı						
Rock outcrop	40	Not Rated		Not Rated		Not Rated	
Carbo	35	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Depth to hard bedrock	1.00	Depth to bedrock	0.29
		Shrink-swell	1.00	Too clayey	1.00	Slope	0.16
		Frost action	0.50	Slope	0.16		
56C:							
Rock outcrop	45	Not Rated		Not Rated		Not Rated	
rtock outerop	40	Not Nated		Not Nated		Not Nated	
Frederick	30	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Slope	0.04
		Shrink-swell	1.00	Cutbanks cave	0.10		
		Frost action	0.50	Slope	0.04		
56D:							
Rock outcrop	50	Not Rated		Not Rated		Not Rated	
rtock outerop	30	Not Nated		Not Nated		Not Nated	
Frederick	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	1.00	Cutbanks cave	0.10		
57E:							
Rock outcrop	45	Not Rated		Not Rated		Not Rated	
Laidig	40	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to thick cemented pan	0.99	Gravel content	0.26
				Depth to saturated zone	0.90		
58B2:							
Sequoia	80	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Depth to bedrock	0.06
		Shrink-swell	0.50	Cutbanks cave	0.10	.,	
				Depth to soft bedrock	0.06		
W ("	•	N. D. L.		N (D)		N. D. C.	
Wet soils	3	Not Rated		Not Rated		Not Rated	
58C2:							
Sequoia	80	Very limited		Somewhat limited		Somewhat limited	
•		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Shrink-swell	0.50	Slope	0.37	Depth to bedrock	0.06
		Slope	0.37	Cutbanks cave	0.10		
Wet soils	3	Not Rated		Not Rated		Not Rated	
5000							
59B2:							

Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and Soli Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
59B2:		.,					
Sequoia	55	Very limited	4.00	Somewhat limited	0.50	Somewhat limited	0.00
		Low strength Shrink-swell	1.00 0.50	Too clayey Cutbanks cave	0.50 0.10	Depth to bedrock	0.06
		Sillink-Swell	0.50	Depth to soft bedrock	0.06		
Berks	40	Somewhat limited		Very limited		Somewhat limited	
		Depth to hard bedrock	0.35	Depth to hard bedrock	1.00	Droughty	0.93
				Cutbanks cave	0.10	Gravel content	0.71
						Depth to bedrock	0.35
Wet soils	3	Not Rated		Not Rated		Not Rated	
59C2:							
Sequoia	55	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Shrink-swell	0.50	Slope	0.37	Depth to bedrock	0.06
		Slope	0.37	Cutbanks cave	0.10		
Berks	40	Somewhat limited		Very limited		Somewhat limited	
		Slope	0.37	Depth to hard bedrock	1.00	Droughty	0.93
		Depth to hard bedrock	0.35	Slope	0.37	Gravel content	0.71
				Cutbanks cave	0.10	Slope	0.37
59D2:							
Sequoia	60	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength Shrink-swell	1.00 0.50	Too clayey Cutbanks cave	0.50 0.10	Depth to bedrock	0.06
		SIIIIIK-SWEII	0.50	Culbanks cave	0.10		
Berks	35	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.35	Slope	1.00	Droughty	0.93
				Cutbanks cave	0.10	Gravel content	0.71
Wet soils	3	Not Rated		Not Rated		Not Rated	
60C:							
Sequoia	50	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Shrink-swell	0.50	Slope	0.37	Depth to bedrock	0.06
		Slope	0.37	Cutbanks cave	0.10		
Berks	40	Somewhat limited		Very limited		Somewhat limited	
		Slope	0.37	Depth to hard bedrock	1.00	Droughty	0.93
		Depth to hard bedrock	0.35	Slope	0.37	Gravel content	0.71
				Cutbanks cave	0.10	Slope	0.37
Wet soils	3	Not Rated		Not Rated		Not Rated	
60D:							

Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
60D: Sequoia	50	Very limited Slope Low strength Shrink-swell	1.00 1.00 0.50	Very limited Slope Too clayey Cutbanks cave	1.00 0.50 0.10	Very limited Slope Depth to bedrock	1.00 0.06
Berks	45	Very limited Slope Depth to hard bedrock	1.00 0.35	Very limited Depth to hard bedrock Slope Cutbanks cave	1.00 1.00 0.10	Very limited Slope Droughty Gravel content	1.00 0.93 0.71
Wet soils	3	Not Rated		Not Rated		Not Rated	
61B: Shelocta variant	80	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Somewhat limited Content of large stones Gravel content	0.54 0.45
Wet spots	3	Not Rated		Not Rated		Not Rated	
62C: Shelocta variant	75	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Too clayey Slope Cutbanks cave	0.28 0.16 0.10	Somewhat limited Content of large stones Gravel content Slope	0.54 0.45 0.16
Wet spots	3	Not Rated		Not Rated		Not Rated	
63B: Shenval	75	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Too clayey Cutbanks cave	0.97 0.10	Not limited	
63C2: Shenval	75	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Somewhat limited Too clayey Slope Cutbanks cave	0.97 0.37 0.10	Somewhat limited Slope	0.37
63D2: Shenval	70	Very limited Slope Low strength Shrink-swell	1.00 1.00 0.50	Very limited Slope Too clayey Cutbanks cave	1.00 0.97 0.10	Very limited Slope	1.00
64C:							



	Pct	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
Map Symbol and Soil Name	of						
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
64C:							I
Sherando	85	Somewhat limited		Very limited		Very limited	
		Content of large stones	0.54	Cutbanks cave	1.00	Content of large stones	1.00
		Slope	0.37	Content of large stones	0.54	Droughty	0.83
		Сюрс	0.07	Slope	0.37	Slope	0.37
64D:							
Sherando, COBBLY	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Content of large	0.54	Cutbanks cave	1.00	Content of large	1.00
		stones		Content of large stones	0.54	Stones	0.83
				Stories		Droughty	0.63
65B2:							
Swimley	80	Very limited		Very limited		Not limited	
		Low strength	1.00	Too clayey	1.00 0.10		
		Shrink-swell Frost action	0.50 0.50	Cutbanks cave	0.10		
Wet spots	3	Not Rated		Not Rated		Not Rated	
65C2:							
Swimley	75	Very limited		Very limited		Somewhat limited	
		Low strength	1.00	Too clayey	1.00	Slope	0.37
		Shrink-swell	0.50	Slope	0.37		
		Frost action	0.50	Cutbanks cave	0.10		
Wet spots	3	Not Rated		Not Rated		Not Rated	
66D:							
Sylco	80	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action Depth to hard bedrock	0.50 0.16	Slope Cutbanks cave	1.00 0.10	Gravel content Depth to bedrock	0.87 0.16
			00		00		00
66E:	80	Vanclimited		Varylimited		Varylimitad	
Sylco	60	Very limited Slope	1.00	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Frost action	0.50	Slope	1.00	Gravel content	0.87
		Depth to hard bedrock	0.16	Cutbanks cave	0.10	Depth to bedrock	0.16
67F:							
Sylco	80	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Frost action	0.50	Slope	1.00	Gravel content	0.87
		Depth to hard bedrock	0.16	Cutbanks cave	0.10	Depth to bedrock	0.16
68B:							



Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
u	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
68B:	ı						
Timberville variant	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Cutbanks cave	1.00	Flooding	1.00
		Low strength	1.00	Flooding	0.80		
		Frost action	0.50	Too clayey	0.32		
69A:							
Tioga	75	Somewhat limited		Very limited		Not limited	
		Frost action	0.50	Cutbanks cave	1.00		
		Flooding	0.40	Depth to saturated zone	0.35		
70A:							
Typic Udorthents	80	Not limited		Not Rated		Not Rated	
71B2:							
Unison	80	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Content of large	0.20
		Shrink-swell	0.50	Cutbanks cave	0.10	stones	
		Frost action	0.50				
71C2:							
Unison	80	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Slope	0.37
		Shrink-swell	0.50	Slope	0.37	Content of large	0.20
		Frost action	0.50	Cutbanks cave	0.10	stones	
72B2:							
Unison	80	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Content of large	0.92
		Shrink-swell	0.50	Cutbanks cave	0.10	stones	
		Frost action	0.50			Gravel content	0.08
72C2:							
Unison	80	Very limited		Somewhat limited		Somewhat limited	
		Low strength	1.00	Too clayey	0.50	Content of large	0.92
		Shrink-swell	0.50	Slope	0.37	stones	
		Frost action	0.50	Cutbanks cave	0.10	Slope Gravel content	0.37 0.08
72D2:							
Unison	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Low strength	1.00	Too clayey	0.50	Content of large	0.92
		Shrink-swell	0.50	Cutbanks cave	0.10	stones Gravel content	0.08
						Graver content	80.0
73:	400	Not Dated		Not Dated		Not Dated	
Urban land	100	Not Rated		Not Rated		Not Rated	
74E2:							

Map Symbol and Soil Name	Pct of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
74E2:							
Weikert	45	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope Depth to soft bedrock	1.00 1.00	Depth to soft bedrock Slope	1.00 1.00	Slope Droughty	1.00 1.00
Berks	40	Very limited		Very limited		Very limited	
	40	Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.35	Slope	1.00	Droughty	0.93
		Dopar to Hard Bodrook	0.00	Cutbanks cave	0.10	Gravel content	0.71
Wet spots	3	Not Rated		Not Rated		Not Rated	
74F2:							
Weikert	50	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Depth to soft bedrock	1.00	Slope	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Droughty	1.00
Berks	45	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.35	Slope Cutbanks cave	1.00 0.10	Droughty Gravel content	0.93 0.71
1550					00	Gravar administra	· · · ·
75E2: Weikert	45	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Depth to soft bedrock	1.00	Slope	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Droughty	1.00
Berks	40	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.35	Slope	1.00	Droughty	0.93
				Cutbanks cave	0.10	Depth to bedrock	0.35
75F2:							
Weikert	50	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Depth to soft bedrock	1.00	Slope	1.00
		Depth to soft bedrock	1.00	Slope	1.00	Droughty	1.00
Berks	40	Very limited		Very limited		Very limited	
		Slope	1.00	Depth to hard bedrock	1.00	Slope	1.00
		Depth to hard bedrock	0.35	Slope	1.00	Droughty	0.93
				Cutbanks cave	0.10	Depth to bedrock	0.35
Wet spots	3	Not Rated		Not Rated		Not Rated	



Map Symbol and Soil Name	Pct of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
76A:					I		
Wheeling	85	Very limited		Somewhat limited		Not limited	
		Low strength	1.00	Cutbanks cave	0.10		
		Frost action	0.50				
		Flooding	0.40				
W:							
Water	100	Not Rated		Not Rated		Not Rated	